

PATENT

**Title:**     *"Brush holder with a control component  
for a motor vehicle alternator"*

**Applicant:**     VALEO EQUIPEMENTS ELECTRIQUES MOTEUR

ABSTRACT

SUB  
A7  
The brush holder (2) for a vehicle electrical machine, having:

- an insulating support
- an electrical circuit comprising a semiconductor control component (12); and

at least one metallic heat dissipation means (14, 26) in contact with the ambient environment and arranged to receive heat from the control component (12), the dissipation means (14, 26) is composed of two distinct parts, namely a seat (14) and a dissipator, the seat being fixed to the support and receiving on one of its faces the control component and on the other one of its faces the dissipator (26).

(Figure 4)